

carboncalpcf.com

Product Carbon Footprint: htlqyjvue

**17.49 kg
CO2e**

Total Footprint per Unit

17.49 kg CO2e

Total PCF (per unit)

23.33 kg CO2e/kg

Carbon Intensity

Aluminum Casing

Top Material Hotspot

Scope 3

Primary Emission Scope

Lifecycle Stage Breakdown

Use Phase	7.50 kg CO2e (42.87%)
Materials Acquisition & Pre-processing	5.63 kg CO2e (32.19%)
Downstream Transport & Distribution	3.15 kg CO2e (18.01%)
Production (Scope 1 & 2)	1.10 kg CO2e (6.29%)
End-of-Life (Direct Disposal)	0.11 kg CO2e (0.64%)

Action Plan for Emission Reduction

1. **Optimize Use Phase Efficiency:** Focus on improving product energy efficiency and advocating for renewable energy sources for users.
2. **Sustainable Material Sourcing:** Invest in material innovation, increase the use of recycled content, and engage suppliers for lower-carbon materials.
3. **Streamline Logistics:** Enhance efficiency in transport and distribution, consolidate shipments, and explore alternative, lower-emission delivery methods.
4. **Green Production:** Further increase the procurement of renewable energy at manufacturing facilities to reduce Scope 2 emissions.

Product Carbon Footprint Report for **htlqyvvue** by **qdgruezzgi** (Senior Sustainability Consultant for rnxgmkrejt) - Adhering to GHG Protocol & 2026 LSR Update. Generated: May 22, 2026. Production Country: China.

Disclaimer: This dashboard provides a summary of the detailed PCF analysis. Results are indicative and subject to input data quality.